

GA-FSI

GEO CHEMICAL GA-FSI

Grinding Aid - Final Strength Improve

Description

GEO CHEMICAL GA-FSI.

is defined as the process of high performance grinding aids for raw material and increase grinding efficiency, workability, Final setting improve, quality and strength enhancing additives. it has as its ultimate objective decreasing the energy consumption to obtain a given fineness or flow of cement. As well as reducing agglomeration and providing energy savings, some grinding aids also increasing setting times and decreasing initial strength is developed in the course of subsequent hydration.

Application

GA-FSI: Series should be applied to the raw material on the conveyor belt just before the mill entrance by an adjustable dosing pump .in some cases before using ,dilution of the grinding aid with water is recommended to ensure more homogeneous distribution of it on the clinker that results in increase of performance of grinding aid, by impact of amine in a ball mill on (C4AF), An increasing in Amine concentration gives rise to an increase in the surface area.

Advantage

GA-FSI: Series they include modified hydroxyl amine and are available for use to enhance the final strength (7 and 28 days) of cement, and highly concentrated final strength improvers formulated with the most effective raw materials.

Package

GA-FSI: Series are available in, 1000 liter plastic tank, tanker trucks.

DOSAGE

GA-FSI :Series the dosage varies from 300- 1000 gram per ton of fresh feed to the mill. the optimum dosage in any case ,has to be found through a reliable industrial trial ,preferably with the help of SGC Cement Additive Division Technicians.

Cleaning

GA-FSI: can be cleaned with soaped water .

Technical Properties

| | |
|------------------|------------|
| Color | Brown |
| Freezing | -15 |
| Chemical content | amine |
| pH | 9-10 |
| Density | 1.09-1.140 |
| Chloride content | ZERO |
| Alkali | < 0.5 |

Storing Condition

It is store in dry condition, GA-FSI series has minimum shelf life of 12 months from date of manufacture if stored properly in its original unopened packing.

If the additive is frosted under +5 c it should be thawed by waiting at ambient temperature without using direct heating and mixed until it becomes homogeneous.

Compressed air should not be used during this operation.

Security Information

All technical information stated out in this product data sheet are based on laboratory experiments, Users can get physical, toxicological, geological information and recommendations related to carrying, storing and safe disposal of chemical products from (MSDS) Material Safety Data Sheet of product.

GA-FSI should not come into contact with skin and eyes, that is classified as hazardous material

In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

Fire

GA-FSI is nonflammable

